

**ABSTRACT**

A method and apparatus in various embodiments for controlling a data mining operation by specifying the goal of data mining in natural language, processing the data mining operation

5 without any further input beyond the problem specification, and displaying key performance results of a data mining operation in natural language. One embodiment includes provides a user interface having a control for receiving natural language input describing the goal of the data mining

10 operation from the control on the user interface. A second embodiment identifies key performance results, providing a user interface having a control for communicating information, and communicating a natural language description of the key performance results using the control on the user interface.

15 In a third embodiment input data determining a data mining operation goal is the only input required by the data mining application.

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[PDS1] This does not appear to be what the box labeled (245) is about.

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[DK2] This is the independent variable determination module?! User refinement process later.

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